October 5, 2021 Agenda
Add on item

Lori Farthing, Project Manager

- BS in Biology with emphasis in Environmental Biology from Tennessee Technological University in Cookeville,TN
- Worked in Fl Keys for DOH inspecting onsite ATUs
- Hired by WEC in 2007 as construction inspector
- Has additional training and certifications in wetlands identification and FDOT maintenance of traffic
- Promoted to Project Manager and supervised inspection crews in Marathon

Currently Lori does review of private plans for KLWTD & project administrative duties including communications with the District & Contractors. She does pay application reviews, submittal reviews, project bid documents & tech specs, contract close-out documents, and assist the Engineer with Construction Reports for KLWTD regarding progress of the work. Also does FDEP permitting and FDOT permitting for KLWTD projects as needed.

Robert Farthing, Construction Inspector

- BS in Business Administration, concentration on Banking & Finance
- Studied Civil Engineering at Clemson University for three years before changing majors
- Has experience as a technician for land surveying
- Was hired by Weiler Engineering in 2014, inspecting wastewater construction in Islamorada, Marathon, KW Resort Utilities Corp and KLWTD.

Currently Rob does construction inspections at KLWTD, most recently working on the Fire Safety project and the Solar Phases 2&3 project. He has been the WEC coatings specialist for three years and will inspect at upcoming coatings project at KWRU.

Michelle Musantry, Engineering Intern

- BS in Environmental Engineering
- BS in Animal Science and Nutrition
- Registered Engineering Intern
- Has worked for Weiler Engineering since May 2021

Michelle does construction inspections at KLWTD and does design drawings in AutoCAD as needed. She is Team Leader in Army National Guard since 2011. For WEC, she has also reviewed submittals, pay applications and change orders for various projects.

Lori L. Farthing

605 Sombrero Beach Road – Unit 204
Marathon, Florida 33050
305-509-0255 (cell phone)
llfarthing@yahoo.com

EDUCATION

Tennessee Tech University
Bachelor's Degree in Biology (2004)
(Focused on environmental studies)

Sullivan South High School
Honor Student – Valedictorian (1999)

PROFESSIONAL PROFILE

- **Computer Literate –** Proficient in Internet Explorer, Microsoft Office, Excel, AutoCAD 2014, Trimble GPS, and PowerPoint.
- **Communication** – Excellent communicator (oral and written) with well-developed presentation and negotiation skills. Fluent in French, and completed Rosetta Stone Spanish training. Able to develop and maintain productive relationships with employers, clients and staff.
- **Organization –** Strong organizational skills with ability to budget time and ensure deadlines are met.
- **Professionalism** – Possess a professional demeanor and demonstrate exceptional reliability to employers, co-workers, customers, and vendors.

PROFESSIONAL EXPERIENCE

WEILER ENGINEER CORPORATION 2012 - Present
Marathon, Florida
Project Administrator

- Locate invasive and native tree species on property using a Trimble GPS
- Determine if development of property is feasible after inspecting native and invasive plant growth on job site
- Work closely with FDEP to assist proper owners in complying with FDEP consent orders by determining necessary plantings and overseeing invasive species removal
- Lead Inspector for beach re-nourishment projects ensuring that sand meets requirements for turtle nesting and is placed to minimize erosion; oversee installation of sea oats to stabilize sand dunes
- Draft record drawings using AutoCAD 2014
- Review and interpret plans and contracts
- Create agendas for meetings and record minutes of meetings
- Respond to client inquiries and resolve problems to ensure job runs smoothly
- Prepare permit applications for wastewater treatment facility modifications
- Prepare Requests for Proposals, bid documentation, and technical specifications for civil engineering projects
- Review and process documentation submitted by Contractor
- Inspect Contractor's construction activities for civil engineering projects

WEILER ENGINEER CORPORATION 2010 - 2012
Marathon, Florida
Administrative Assistant

- Oversaw, trained, and created Standard Operating Procedures for field representatives performing inspections of sewer and storm water infrastructure
- Created and updated spreadsheets to track sewer and storm water features
- Reviewed Contractor's applications; generated change orders; and responded to Contractor Requests for Information

WEILER ENGINEER CORPORATION 2007 - 2010
Marathon, Florida
Field Representative

- Acted as a liaison between City staff, Engineers, and Contractor to solve problems in the field
- Assisted Contractor on job site to determine final elevations of storm water
- Ensured that Contractor followed construction plans, submittals, and specifications during the installation of sewer and storm water features
- Coordinated with Contractor the quantities to be installed in the field and maintained quantity in Excel spreadsheets
- Witnessed Contractor density testing and hydrostatic testing of sewer lines
- Using laser levels and transits, ensured that sewer and storm water features were installed to the proper elevations in the field

FLORIDA DEPARTMENT OF HEALTH 3/2006 – 12/2006
Marathon, Florida
Aerobic Treatment Unit Coordinator/Environmental Specialist 1

- Coordinated Aerobic Treatment Unit inspections
- Generated enforcement letters to homeowners and maintenance entities
- Reviewed construction plans and witnessed installation of new on-site Sewage Treatment Disposal Systems (OSTDS)
- Generated permits for new OSTDS and abandonments of old systems
- Entered data into Carmody tracking system for sewage systems
- Attended training classes and seminars for OSTDS and hurricane preparedness

TEST AMERICA – SAMPLE LOG-IN 2005 – 1/2006
Nashville, Tennessee
Lab Assistant

- Reviewed Chain-of-Custody upon acceptance of environmental lab samples
- Entered Chain-of-Custody information into database for laboratory
- Ensured that correct procedures were followed for accepting samples, and proper tests were performed on samples

LICENSES/CONTINUING EDUCATION

* Notary Public, State of Florida
* Hazwoper, 40-hour certification
* FDEP Plant Identification Training
* FDEP Storm Water Certified
* OSHA Construction, 30-hour certification
* Uniform Mitigation Assessment Method 201Training by SFWMD

Robert G. Farthing, Jr.
913 66th Street Ocean
Marathon FL 33050
Rfarthing@weilerengineering.org (305) 304-2588

QUALIFICATIONS BRIEF

OBJECTIVE:
A career position in Engineering/Surveying/Project Management with an Organization seeking Opportunities, Profit, and Growing Success.

EMPLOYMENT HISTORY

1) SENIOR INSPECTOR (Sept. 2018 → Present)
Weiler Engineering Corporation
Ocean Reef – Key Largo – Islamorada – Marathon – Big Pine Key – Key West

Responsible for the Inspection and Documentation of new Infrastructures, from Key West to Ocean Reef.
Current Projects include Quarry III Affordable Living Apartments (Key West), Bahia Honda Sandspur Campground Development (Big Pine Key), Sunshine Key Main Office Mold Remediation and New Foundation (Sunshine Key), Area 3 Plant ACOE Expansion Project (Marathon), Area 3-4 Repump Force Main Project (Marathon), Long Key New Restroom Installation (Long Key), Fiesta Key RV Expansion Project (Long Key), KLWTD Fire Suppression and Detection (Key Largo), KLWTD Solar Phase 2 Project (Key Largo), and Ocean Reef Marina Village Storm and Fire Main Project (Ocean Reef).

Products ---- Inspections ---- Documentation ---- Testing
Inspection of Paint Crews for Sewage Treatment Plant Coatings Rehabilitation Projects with PosiTector gauge and visual inspections
Monitoring Coatings Progress with Inspections for Surface Profile, Humidity and Temperature Conditions, Soluble Salts Contamination, and Millage (Thickness) of Coatings applied to Steel Surfaces
Documentation of Coatings Rehabilitation Projects by both written report and computer-generated report from PosiTector gauge
As-Built Surveying of New Construction Sites after completion both with Laser Level and Survey-Grade GPS
MOT FDOT Set Up
Review Site Plans for Proper Products, Position, and Construction
Pre-Trenching
Trench Construction ---- Width-Depth-Path
Proper Pipe Installation, Bedding, Location
Backfill Materials, Compaction, Density Testing
Service Products ---- Pipes, Valves, Laterals, Vacuum Pits, Gravity Sewer Manholes, Clean Outs
Concrete Forms and Steel Rebar Construction
Road Bed Fill, Compaction, Density Testing

Horizontal Drilling
Asphalt Road Paving – Type – Mix – Temperature – Layout
Road Shoulder Restoration
Testing of Products (Water Main, Fire Main, Vacuum Sewer Main, Gravity Sewer Main)
Punch List Development
Digital Documentation
Record Keeping by Paperless Computer Database

Daily Responsibilities include the inspection and documentation of 3 to 6 construction crews in various stages of product installation.

2) SURVEYOR (Construction Crew Chief) (Dec. 2015 → Sept. 2018)
Florida Keys Land Surveying
Key West, FL

As-Built Surveying with Total Station, Robotic Total Station, GPS, and Transit
Site Layouts with GPS, Total Station, and Transit
Mortgage Surveying with Field Crew and Total Station
Elevation Certificates with Field Crew and Transit
Field Responsibilities of Crew Chief including On-Site Sketching, setting points for both Construction and Mortgage Surveys, Locating Benchmarks, Etc.

3) INSPECTOR (Apr. 2014 → Dec. 2015)
Weiler Engineering Corporation
Islamorada, FL

Responsible for the Inspection and Documentation of new Infrastructures in Islamorada Vacuum Sewer Project. The construction of new sewer systems, sewer plant, pump/vacuum stations, road milling/paving, road shoulder restoration, and various concrete structures.

4) SURVEY CREW (Oct. 2013 → March 2014)
Prospect Surveying
Marathon, FL

Responsible for the task of survey rodman, compiling field data for marking and documentation, equipment setup and calibration, locating GIS data points, and the general responsibilities of assisting the survey team.

5) Sales Associate (March 2007 → Oct. 2013)
Wal-Mart Corporation
Lilburn, GA and Bristol, VA

Swing Stock and Sales Person in Dairy, Frozen, and Deli departments responsible for stocking inventory, organizing sales floor, customer service, ordering, stock room organization, inventory management, delivery truck unloading, and various tasks throughout the Retail Store.

6) Assistant Manager Quick Stop #39 (Sept. 2005 → March 2007)
Greenville Oil Company
Bristol, VA

Responsible for total store operations including management, scheduling, ordering, product display, customer service, gasoline pricing, daily sales reports, ATM balancing, deposits, overnight management of gas station, and all function for successful store operations.

7) Quality Control Clerk and Bank Teller (May 2000 → Feb. 2004)
Citizens Bank of the Tri-Cities
Elizabethton, TN

Responsible for Customer Service Operations checking and monitoring of new accounts opened and Account Balancing. Responsible for Teller operations, handling customer deposits, withdrawals, CDs, IRAs, and all functions of customer services rendered.

EDUCATION

East Tennessee State University
Bachelors of Business Administration with Concentration in Finance and Banking
-Delta Sigma Pi Professional Business Fraternity Member
    Vice President for Chapter Operations
    Vice President of the Treasury
    Fundraising Chairman
-Federal Work Study Program Office Assistant (Jan. 1999 → Dec. 2001)

Clemson University
-Studied Civil Engineering and completed courses in Physics, Statics, Calculus I → III (Differential Equations), and Surveying
-Co-Operative Education Program (Jan. 1998 → Aug. 1998)
    Worked as Draftsman and Steel Detailing Assistant for Owen Steel Company in Columbia, SC (Became Proficient with Steel Detailing Systems (SDS 2.0))
-Delta Chi Fraternity Member

**Experienced with Microsoft Word, Excel, and Power Point an various office documentation equipment

Michelle M. Musantry

Marathon, FL 33966 | 304-685-1435 | mmusantry@weilerengineering.org

Education

BACHELOR OF SCIENCE | MAY 2021 | FLORIDA GULF COAST UNIVERSITY

- Major: Environmental Engineering
- Relevant Coursework: Project Planning and Regulations, Thermodynamics, Water Resources Design, Wastewater Microbiology, Wastewater Engineering, Atmospheric Pollution, Hydrology and Hydraulics, Engineering Mechanics
- Senior Design Project: Worked with a team on biological nutrient recovery using microalgae in an existing wastewater treatment system.

BACHELOR OF SCIENCE | DECEMBER 2016 | WEST VIRGINIA UNIVERISTY

- Major: Animal Science and Nutrition
- Relevant Coursework: Wildlife and Fisheries policies, Environmental Policies, Animal Biology, Calculus, Chemistry, Biology, Physics

Licenses

- Engineering Intern License #1100024855

Work Experience

DESIGN ENGINEER | MARATHON, FL | MAY 2021 - PRESENT

- Prepared EJDC bid documents and technical specifications for bid packages. Assisted clients through the bid process with pre-bid meetings and answering contractor questions.
- Developed construction plan sets for projects using AutoCAD.
- Performed project administrator duties for assigned projects. Reviewed submittals, pay applications and change orders for projects.
- Performed civil engineering inspections for projects in construction phase.
- Projects:
  - City of Marathon Chemical Upgrades
  - Indigo Reef Marina Renovations
  - City of Marathon 120th Street Vacuum Main
  - Area 3 Expansion
  - Key Largo Odor Control Vac A
  - Shrimp Road Force Main-KWRU
  - City of Marathon Area 4 Monorail System
  - City of Marathon Marina Office

SERVER | HERTZ ARENA FORT MYERS, FL | FEBRUARY 2018 – MAY 2021

- Delivered friendly and efficient service to all guests according to corporate specifications to ensure a pleasant dining experience.

RECEPTIONIST | BEVERLY HILLS TINTING FORT MYERS, FL | JANRUARY 2017 – OCTOBER 2019

- Inputted daily sales receipts into QuickBooks and ensured that all receipts were filed and organized.
- Promoted different tint options to customers and assisted with deciding the best option for them.

Military Experience

TEAM LEADER | ARMY NATIONAL GUARD | AUGUST 2011 – PRESENT

- Identified problems and used sound judgment and decisions to generate and evaluate alternatives to make recommendations.
- Inspected that all members of my team had the proper equipment needed for missions to ensure safety of each Soldier.
- Managed human, financial and information resources strategically and built coalitions to achieve common goals within the team.
- Collaborated with other teams to ensure that proper and accurate flow of information across all channels on on-going missions.

Campus/Community Involvement

VOLUNTEER/INTERN | LEE COUNTY MOSQUITO CONTROL | JANRUARY 2021 – MAY 2021

VICE PRESIDENT | FLORIDA WATER ENVIRONMENTAL ASSOCIATION-FGCU CHAPTER | 2020-21 YEAR